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The journal exists for the publication of experimental and theoretical investigations of combustion phenomena and closely allied matters. Among the subjects emphasized are: atmospheric pollution from combustion; combustion in practical systems; deflagration and detonation waves; electrical aspects of flames; experimental techniques; fire phenomena; flame ignition; inhibition, propagation, stability and structure; fluid dynamics and combustion; heat transfer and radiation; heterogenous combustion; kinetics and mechanisms of combustion reactions; limits of flammability and of spontaneous ignition; modeling and scaling in combustion processes; new applications of combustion; propellants; sooting; spectra; supersonic reacting flow; thermal decomposition processes; thermochemistry and thermodynamics; transient species; transport properties and turbulence in flames. The Editors also encourage the submission of critical reviews of recent research. Announcements and reports of Combustion Institute and other pertinent meetings will be published whenever possible, as will reviews of relevant books.

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